

**Amendments to the Specification:**

**Please insert heading beginning at page 1, before FIELD heading:**

STATEMENT AS TO FEDERALLY SPONSORED RESEARCH

**Please insert paragraph beginning at page 1, directly under the heading STATEMENT AS TO  
FEDERALLY SPONSORED RESEARCH:**

This invention was made with Government support under contract AR47223 awarded by the National Institutes of Health. The Government has certain rights in this invention.

**Please replace the paragraph beginning at page 5, paragraph [017] with the following rewritten paragraph:**

-- FIG. 2A illustrates the polynucleotide sequence for *Homo sapiens* laminin-related protein (LAMA3; GenBank accession number L34156; ~~SEQ ID NO: 1~~SEQ ID NO:1);--

**Please replace the paragraph beginning at page 5, paragraph [018] with the following rewritten paragraph:**

-- FIG. 2B illustrates the amino acid sequence for *Homo sapiens* laminin-related protein (LAMA3; GenBank accession number L34156; ~~SEQ ID NO: 2~~SEQ ID NO:2);--

**Please replace the paragraph beginning at page 5, paragraph [019] with the following rewritten paragraph:**

-- FIG. 2C illustrates the polynucleotide sequence for *Homo sapiens* laminin, alpha 3 transcript variant 1 (LAMA3; GenBank NM\_198129; ~~SEQ ID NO: 3~~SEQ ID NO:3);--

**Please replace the paragraph beginning at page 5, paragraph [020] with the following rewritten paragraph:**

-- FIG. 2D illustrates the amino acid sequence for *Homo sapiens* laminin, alpha 3 transcript variant 1 (LAMA3; GenBank NM\_198129; ~~SEQ ID NO: 4~~SEQ ID NO:4);--

**Please replace the paragraph beginning at page 5, paragraph [021] with the following rewritten paragraph:**

-- FIG. 2E illustrates the polynucleotide sequence for *Homo sapiens* laminin, alpha 3 transcript variant 2 (LAMA3; GenBank NM\_000227 ~~SEQ ID NO: 5~~SEQ ID NO:5);--

**Please replace the paragraph beginning at page 6, paragraph [022] with the following rewritten paragraph:**

-- FIG. 2F illustrates the amino acid sequence for *Homo sapiens* laminin, alpha 3 transcript variant 2 (LAMA3; GenBank NM\_000227 ~~SEQ ID NO: 6~~SEQ ID NO:6);--

**Please replace the paragraph beginning at page 6, paragraph [023] with the following rewritten paragraph:**

--FIG. 2G illustrates the polynucleotide sequence for *Rattus norvegicus* laminin 5 alpha 3 (LAMA3; GenBank NM\_173306; ~~SEQ ID NO: 7~~SEQ ID NO:7);--

**Please replace the paragraph beginning at page 6, paragraph [024] with the following rewritten paragraph:**

--FIG. 2H illustrates the amino acid sequence for *Rattus norvegicus* laminin 5 alpha 3 (LAMA3; GenBank NM\_173306; ~~SEQ ID NO: 8~~SEQ ID NO:8);--

**Please replace the paragraph beginning at page 6, paragraph [025] with the following rewritten paragraph:**

--FIG. 2I illustrates the polynucleotide sequence for *Mus musculus* laminin, alpha 3 (LAMA3; GenBank XM 140451; ~~SEQ ID NO: 9~~SEQ ID NO:9);--

**Please replace the paragraph beginning at page 6, paragraph [026] with the following rewritten paragraph:**

--FIG. 2J illustrates the amino acid sequence for *Mus musculus* laminin, alpha 3 (LAMA3; GenBank XM 140451; ~~SEQ ID NO: 10~~SEQ ID NO:10);--

**Please replace the paragraph beginning at page 6, paragraph [027] with the following rewritten paragraph:**

--FIG. 3A illustrates an exemplary *Homo sapiens* amino acid sequence for the combined G4 and G5 domains (~~SEQ ID NO: 11~~SEQ ID NO:11);--

**Please replace the paragraph beginning at page 6, paragraph [028] with the following rewritten paragraph:**

--FIG. 3B illustrates an exemplary *Homo sapiens* polynucleotide sequence for the combined G4 and G5 domains (~~SEQ ID NO: 12~~SEQ ID NO:12);--

**Please replace the paragraph beginning at page 6, paragraph [029] with the following rewritten paragraph:**

--FIG. 3C illustrates an exemplary *Homo sapiens* amino acid sequence for the G5 domain (~~SEQ ID NO: 13~~SEQ ID NO:13);--

**Please replace the paragraph beginning at page 6, paragraph [030] with the following rewritten paragraph:**

--FIG. 3D illustrates an exemplary *Homo sapiens* polynucleotide sequence for the G5 domain (~~SEQ ID NO: 14~~SEQ ID NO:14);--

**Please replace the paragraph beginning at page 6, paragraph [031] with the following rewritten paragraph:**

--FIG. 3E illustrates an exemplary *Homo sapiens* amino acid sequence for the G4 subdomain delimited by amino acid 1356 through amino acid 1366 (~~SEQ ID NO: 15~~SEQ ID NO:15);--

**Please replace the paragraph beginning at page 6, paragraph [032] with the following rewritten paragraph:**

--FIG. 3F illustrates an exemplary *Homo sapiens* polynucleotide sequence for the G4 subdomain delimited by nucleotide 4067 through nucleotide 4099 (~~SEQ ID NO: 16~~SEQ ID NO:16);--

**Please replace the paragraph beginning at page 6, paragraph [033] with the following rewritten paragraph:**

--FIG. 3G illustrates an exemplary *Homo sapiens* amino acid sequence for the G4 subdomain delimited by amino acid 1375 through amino acid 1390 (~~SEQ ID NO: 17~~SEQ ID NO:17);--

**Please replace the paragraph beginning at page 6, paragraph [034] with the following rewritten paragraph:**

--FIG. 3H illustrates an exemplary *Homo sapiens* polynucleotide sequence for the G4 subdomain delimited by nucleotide 4124 through nucleotide 4171 (~~SEQ ID NO: 18~~SEQ ID NO:18);--

**Please replace the paragraph beginning at page 6, paragraph [035] with the following rewritten paragraph:**

--FIG. 3I illustrates an exemplary *Homo sapiens* amino acid sequence for the G4 subdomain delimited by amino acid 1399 through amino acid 1529 (~~SEQ ID NO: 19~~SEQ ID NO:19);--

**Please replace the paragraph beginning at page 6, paragraph [036] with the following rewritten paragraph:**

--FIG. 3J illustrates an exemplary *Homo sapiens* polynucleotide sequence for the G4 subdomain delimited by nucleotide 4196 through nucleotide 4588 (~~SEQ ID NO: 20~~SEQ ID NO:20);--

**Please replace the paragraph beginning at page 6, paragraph [037] with the following rewritten paragraph:**

--FIG. 3K illustrates an exemplary *Homo sapiens* amino acid sequence for a polypeptide spanning the G4 and G5 domain delimited by amino acid 1399 through amino acid 1713 (~~SEQ ID NO: 21~~SEQ ID NO:21);--

**Please replace the paragraph beginning at page 6, paragraph [038] with the following rewritten paragraph:**

--FIG. 3L illustrates an exemplary *Homo sapiens* polynucleotide sequence for a polynucleotide spanning the G4 and G5 domain delimited by nucleotide 4196 through nucleotide 5140 (~~SEQ ID NO: 22~~SEQ ID NO:22);--

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**Please replace the paragraph beginning at page 6, paragraph [039] with the following rewritten paragraph:**

--FIG. 3M illustrates an exemplary *Homo sapiens* amino acid sequence for a polypeptide spanning the G5 domain delimited by amino acid 1560 through amino acid 1713 (~~SEQ ID NO: 24~~SEQ ID NO:23);--

**Please replace the paragraph beginning at page 6, paragraph [040] with the following rewritten paragraph:**

--FIG. 3MN illustrates an exemplary *Homo sapiens* polynucleotide sequence for a polynucleotide spanning the G5 domain delimited by nucleotide 4679 through nucleotide 5140 (~~SEQ ID NO: 26~~SEQ ID NO:24);--

**Please insert the enclosed 76-page text entitled "SEQUENCE LISTING" immediately preceding the claims.**